



THE RARA RAG

Newsletter of The Rochester Amateur Radio Association, Inc.

Founded in 1931

SEPTEMBER MEETING: ANTENNAS IN THE ATTIC, BOB HANNON, KD2VGM

TIM BARRETT, K9VB, RARA VICE PRESIDENT

As you will read elsewhere in the Rag, the September meeting is our annual business meeting where we elect officers and the board. It's necessary that we have at least 10% of our membership present so please attend and in person, if you can!

We promise to get through the formal part of the meeting as quickly as possible so we can get to our presentation of the evening. This month we are back to something that interests all radio amateurs, namely antennas. Our presenter, Bob Hannon, KD2VGM is going to talk to us about 'Antennas in the Attic'.

Bob Hannon (KD2VGM) was first licensed in 1961 (WN2QZR, then WA2QZR). He retired in 2018, after 14 years with Johns Hopkins University/ Applied Physics Laboratory, in the Acoustics and Electromagnetics Group.

I have seen a draft of the presentation and it is full of interesting ideas. If, like me, you have a metal roof that excludes use of the attic for antennas, there is still much of interest in how to construct compact antennas for HF or VHF/UHF.

Please join us on Wednesday September 6th 2023, 7:00PM at the Boy Scouts Headquarters at 2320 Brighton Henrietta Townline Road, Rochester, New York 14623 or online by registering at <https://attendee.gotowebinar.com/register/6720389224982685272>

K2JD



N2EH

SEPTEMBER 2023
VOLUME 78, ISSUE 1

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W2EOC

BOARDZ BUZZ

MIKE MOORE, KC2NM, TREASURER

August completes the club's 2022 - 2023 program year. Our new program year starts with the September business meeting. This meeting is important to the club because reports are received, approved, and new officers and directors are elected. We need a quorum of members to complete this vital club business. Please make every effort to attend the September business meeting.

The Rochester hamfest represents the largest event of our program year with the involvement of much of the membership. The goal of the hamfest is to provide an experience consistent with the mission of our club. As an organization RARA strives to:

- provide value to the community through services such as voluntary noncommercial communication services and emergency communications.
- promote scientific education and knowledge of radio engineering and communication skills by facilitating the exchange of information, improving individual operating efficiency, and strengthening the welfare of amateur radio in the community.
- encourage camaraderie by providing a forum for members to meet and exchange information, share experiences, and socialize with one another.

The club plans the hamfest to meet the goals of the hamfest with the above mission in mind and to provide a fun event for the membership and community. We try to operate the hamfest as a "break even" proposition rather than a fundraiser for the club. With the close of the books on the 2023 hamfest I want to provide the following profit and loss statement to provide our members to give some insight about how the hamfest works.

Most of the items on the income and expense table are self explanatory. The Country Store line includes commissions kept by the club for items sold under consignment and sale of items that were donated to the club. Another item of note is that RARA Apparel includes items that were purchased and then sold outside of the hamfest. This is an ongoing program of RARA .

Reflecting on my own experience at the hamfest I think that it served well the mission of RARA . The flea market worked well, the food was good, VE sessions were successful, attendance was good, and finances were in line with our goals.

Program Year	Sep '22 - Aug 23
Income	
Memberships	\$285.00
RARA Apparel Sale	\$204.00
Admission	\$3,380.00
Country Store	\$883.00
Raffle Ticket Sales	\$1,680.00
Total Hamfest Income	\$6,432.00
Expense	
Volunteer Meals	\$155.00
RARA Apparel Purchase	\$263.22
Tent Rental	\$1,643.75
Supplies	\$251.24
Facility Rent	\$775.00
Printing	\$11.19
Raffle Items	\$1,049.95
Security	\$462.00
Toilet Rental	\$855.00
Volunteer TShirts	\$235.10
Total Hamfest Expense	\$5,701.45
Net Income	\$730.55

CALENDAR OF EVENTS

WEDNESDAY SEPT 6, 2023 - RARA Meeting In Person and On-Line
7:00 PM - AT THIS LINK <https://attendee.gotowebinar.com/register/6720389224982685272>

THURSDAY SEPT 7, 2023 - RARA Board of Directors Meeting
6:30 PM - ONLINE
Email request for link to secretary@rochesterham.org

Friday, September 22, 2023—The Annual RARA Banquet. Proietti's Italian Restaurant, 980 Ridge Road East, Webster, NY 14580.

SATURDAY, SEPTEMBER 23, 2023—The Annual Fairport Lift Bridge Regatta. Fairport Crew Club Boathouse

RaRa Banquet

September 22, 2023

6:00 PM

Proietti's Italian Restaurant

980 Ridge Rd,

Webster, NY 14580

(Webster Plaza)

OUR PRESENTERS THIS YEAR WILL BE

TIM BROWN WB2PAY AND

GEORGE ADAMS K4GWA

PERSPECTIVES OF SEASONED VS NEW HAM

Purchase Tickets On Line



Don't forget to buy your tickets!

Members: \$25 or 50 Membership points

Non-members: \$25

*Make reservations no later than
September 18, 2023*

NO tickets will be sold at the door.

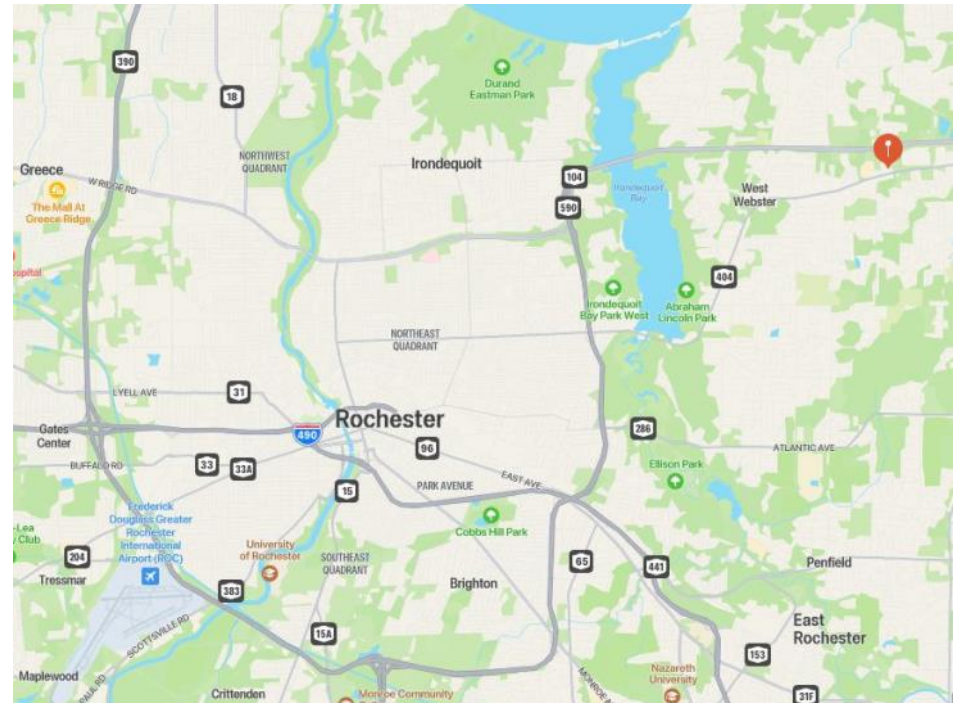
RA RA ANNUAL BANQUET

MIKE MOORE, KC2NM, TREASURER

The RARA Banquet will be back this year. The date is Friday September 22 beginning at 6PM. Our banquet will be hosted by Proietti's Italian Restaurant 980 Ridge Road East, Webster, NY. 14580. The restaurant is located in Webster Plaza. Our history has been to hold the banquet at Burgundy Basin Inn but this business has closed necessitating the new venue. Proietti's does not have traditional bar service but beer and wine will be available for purchase for \$6 per glass. Please come prepared to pay cash for this. Our dinner will be an Italian buffet consisting of the following items:

- Tossed or Caesar Salad
- Baked Ziti and or Penne Alfredo
- Sliced roast beef
- Chicken French or Chicken Marsala
- Greens and Beans or Italian Sausage Peppers & Onion
- White Pizza Appetizer
- Rolls and Butter
- Cannolis
- Soft drinks and Coffee

The after dinner program will be presented by Tim Brown WB2PAY and George Adams K4GWA. They will offer their perspectives of our hobby from the standpoint of a seasoned ham (WB2PAY) and a new ham (K4GWA). The cost to attend the banquet will be \$25 for members and guests or 50 membership points. Tickets may be purchased on our website <https://www.rochesterham.org/banquet.htm>



RARA MEMBERSHIP NEWS

TIM BARRETT, K9VB, RARA VICE PRESIDENT AND MEMBERSHIP SECRETARY

As I write this we have got to 577 members, tantalizingly close to 584, our final membership at the end of our 2022 membership year. If you are considering joining, please do so before September 30th and help push our membership up to beat last year's total!

To our current members, It's time to renew your membership!

Now is a great time to join or renew because that way you avoid your membership lapsing at the end of September. It also greatly helps me as it is easier to renew a non-lapsed member with our creaky software that manages membership! As I will be away for the last week of September please try to renew soon if you need to!

You can join or renew your membership [here](#).

There are many membership benefits, here are just some of them:

- Only members can attend the RARA Annual Auction
- Free admission to the RARA Hamfest
- Access to license classes and discounts for license manuals
- Annual events such as the Picnic and Winterfest
- Membership points for contributing to club events
- Supporting an Organization that you value!

Being a member is also important, as your dues and a healthy membership count contribute to many RARA activities such as Rag subscription, monthly meetings, RARA Academy sessions Elmer's Corner, [groups.io](#) mailing list, Facebook page, etc. Attracting good speakers is greatly helped when we can point to the size of our club, one of the largest ARRL affiliated clubs by the way.



I'd also like to give a warm welcome to the following new members who joined the club in the past month:

Daniel Maggio
Zachary Terwilliger, KE2BNP
William Montesano

If you see any of our new members at a RARA meeting or event make sure to introduce yourself and welcome them to the club!

RARA APPAREL AND OTHER MERCHANDISE IS NOW AVAILABLE!

TIM BARRETT, K9VB, RARA VICE PRESIDENT AND MEMBERSHIP SECRETARY

Just a reminder that we now have RARA merchandise available. If you were at the RARA Hamfest back in June you may have seen our new Merchandise Manager Yin He, KD2YIQ with examples of RARA apparel and other items with the RARA logo for sale.

This has been requested by many of our members so we are very pleased to finally be able to make RARA merchandise available. A big Thank You to Yin for her work setting this up.

We plan to expand the offerings as demand and time permit based on your feedback so do please let Yin or the board know if you have any suggestions.

Right now items can be purchased online at www.cafepress.com/rararadio so please check out the website and consider making a purchase. Looking forward to everybody in RARA gear at our next meeting!!





EDUCATION

Karl Heinz Kremer, K5KHK, Education Coordinator

RARA LICENSE COURSES

Karl Heinz Kremer, K5KHK, License Class Coordinator

License Classes

Our next license classes will start in September. We will offer Technician (starting on 9/12) and General (starting on 9/14) license classes. We will also offer an Amateur Extra class, but I don't have the dates yet. All classes will be online via Zoom. As always, our license classes are free to RARA members. If you are interested in taking a class in the fall, please send an email to education@rochesterham.org, and we will put you on the list.

New General Question Pool

As I've mentioned before, since July 1st, all General license exams are now using the new question pool, which means that you need the 10th edition of the ARRL License Manual to study for the test. The 9th edition, which we've used before does not cover the new test.

License Manuals

The current editions of the Technician, General and Amateur Extra license manuals are available to our members at a discount for \$25. For this discount, we unfortunately cannot deliver, and you would have to pick up the manual. If you are interested, please send an email to education@rochesterham.org

RARA ACADEMY

I am planning on teaching a RARA Academy session about circuit simulation with LTSpice. We have not yet scheduled it, but it will happen later this year. If

you are interested in learning the basics of how to simulate an electronic circuit with a free tool, this class will be for you.

If you have anything you would like to teach in a RARA Academy, please let us know. Even if it's something shorter, we can combine your topic with something else to fill the two hour time slot that we usually aim for.

We are still looking for input in what our next Academy session should cover. To make it easy for our members to provide such input, we created an online survey. Please go to <http://tiny.cc/RaRaAcademySurvey2022> and fill out the survey. If this short link should not work, you can also use this link:

https://docs.google.com/forms/d/e/1FAIpQLSfe_RvJyAfc2BidWxePLvK1r_CjQosS1PV0Ua6m2zETiyPa-w/viewform

And we are again looking for a volunteer to organize our RARA Academy sessions. This is a position for which you don't have to be an expert in anything as long as you are good at organizing things, and you will get a front row seat for all Academy presentations. If you are interested in joining our education team, please let us know.

RARA ELMERS' CORNER

Suzanne Bishopp, W2SUZ

Rich Bishopp, KD2UBJ

Elmers' Corner Coordinators

WE ARE BACK!!!! It's time to bring back the ZOOM! All new, newish, and not new hams are invited to attend our Elmers' Corner sessions. They are a wonderful way to share our latest radio adventures, projects and get answers to those questions you've always had but never thought to ask.

If you have any questions that you would like us to be prepared to answer, please email them to us at elmerscorner@rochesterham.org, and we will make sure that we are prepared for our zoom meeting.

As always, bring your coffee, tea or other favorite morning beverage and join us for our Zoom meeting, the first Saturday of the month at 10am. Can't wait to see you there!

ELMERS' CORNER

1st Saturday of the month

September – May

Next Zoom Meeting:

September 2nd 10AM – 12PM

October 7th 10AM – 12PM

Join Zoom Meeting

[https://us02web.zoom.us/j/83484674667?
pwd=MG5DZXd6SFovN3lXa0NNTzM5UnBLUT09](https://us02web.zoom.us/j/83484674667?pwd=MG5DZXd6SFovN3lXa0NNTzM5UnBLUT09)

Meeting ID: 834 8467 4667

Passcode: 786545

One tap mobile

+16465588656,,83484674667#,,, *786545# US (New York)

+13126266799,,83484674667#,,, *786545# US (Chicago)

Dial by your location

+1 646 558 8656 US (New York)

+1 312 626 6799 US (Chicago)

+1 301 715 8592 US (Washington DC)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 669 900 9128 US (San Jose)

Find your local number: <https://us02web.zoom.us/j/kiOoVkCMY>

Suzanne – W2SUZ

MORSE CODE TRAINING

Dave Wilson, WA2HOY, RXCWG Coordinator

The RXCW Group assists Hams wanting to learn Morse Code or to develop their CW skills.

BEGINNERS MORSE CODE ZOOM CLASSES

Peter Fournia, W2SKY, hosts Morse Code classes on Thursday evenings 7pm.

No experience required. Join the group at any session. Register at:

pfournia@gmail.com

MORSE PRACTICE FOR ALL LEVELS ON ZOOM AND ON THE AIR

Tim Brown, WB2PAY, hosts Zoom code practice for all levels on Thursday evenings at 7:30pm. For On Air schedules contact Tim at tjbrown@rochester.rr.com

RXCWG INTERMEDIATE CW PRACTICE- 7:30pm Thursdays

Join Zoom Meeting

[https://us04web.zoom.us/j/79966212852?
pwd=M0M1MIBmVTJkVWl0RjRLYXljc3pOUT09](https://us04web.zoom.us/j/79966212852?pwd=M0M1MIBmVTJkVWl0RjRLYXljc3pOUT09)

Meeting ID: 799 6621 2852

Passcode: tpjz8e

W1AW On The Air CW Practice

Time	Mon	Tue	Wed	Thu	Fri
9 AM		Fast	Slow	Fast	Slow
4 PM	Fast	Slow	Fast	Slow	Fast
7 PM	Slow	Fast	Slow	Fast	Slow
10 PM	Fast	Slow	Fast	Slow	Fast

SLOW - 5, 7 1/2, 10, 13 and 15 wpm

FAST - 35, 30, 25, 20, 15, 13 and 10 wpm

FREQ(MHz) - 1.8025, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675, 50.350, 147.555

<http://www.arrl.org/w1aw-operating-schedule>

RADIO ELMERS

Name	Call	Area	Email
Tim Brown	WB2PAY	Ogden	tjbrown@rochester.rr.com
Dave Carlson	N2OA	Batavia	kdcarlso@gmail.com
Lawrence Hill	N2AJX	Henrietta	lawrence.hill@rit.edu
Rich Hoffarth	K2AXP		rhoffarth2000@yahoo.com
Bill Kasperkoski	WB2SXY	Pittsford	wb2sxy@gmail.com
Don Kiser	AC2EV	N Greece	dkiser100@gmail.com
Karl Heinz Kremer	K5KHK	Chili	k5khk@khk.net
Tim Magee	WB2KAO	Greece	585-704-5747
Mike Moore	KC2NM		mikemoore@ieee.org
Peter Schuch	WB2UAQ	Perinton	pschuch@rochester.rr.com
Forest Shick	WA2MZG	Webster	fshick3@gmail.com
Dave Timmons	W2DST	N Greece	dstimmons@gmail.com
Steve Verzulli	KA1CNF		verzulli@yahoo.com
Dan Waterstraat	W2DEW	Henrietta	higreen@rochester.rr.com

CW ELMERS

Name	Call	Area	Email
Ned Asam	W2NED	Pittsford	w2ned@frontiernet.net
Tim Brown	WB2PAY	Ogden	tjbrown@rochester.rr.com
Pete Fournia	W2SKY	Penfield	pfournia@gmail.com
Bill Hopkins	AA2YV	Brighton	whopkin4@naz.edu
Bob Karz	K2OID	Webster	rkarz@rochester.rr.com
Joe Rowe	AG2Y	Webster	ag2y@rochester.rr.com
Harry Williams	KF2TV	Kingsland, GA	harryw7872@gmail.com

SEPTEMBER RAFFLE PRIZES

- DX Engineering \$100 Gift Certificate
- CQ Magazine Digital Subscription
- 3 Pilsner Glasses From Comet Antenna
- ARRL Antenna Book

PUBLIC SERVICE REPORT

MIKE MOORE, KC2NM, PUBLIC SERVICE COORDINATOR

The American Diabetes Association Upstate New York Tour de Cure was executed on Saturday July 22 and was successful with very good participation by RARA, Siarc, and Drumlins ARC members. We very much appreciate the contributions of our sister clubs especially the loan, setup, and manning of the Drumlins trailer and crossband repeater for the western side of the ride course. We also appreciate the use of the WA2EMO 146.685 Mhz, and 449.750 repeaters provided by Drumlins ARC. Ride participants numbered about 500 and the final results will be made available at a meeting this week. A view of the Tour de Cure command center is shown below showing W2COP, K2MTV, and K4GWA.



There were no major medical issues or accidents on the ride course this year. Incidents where we served riders on the course consisted of fixing flat tires, retrieving lost riders, returning riders unable to finish, and minor mechanical issues where we took riders and bikes to bike mechanic locations. We worked with volunteer drivers and trucks provided by West Herr dealerships and again this year, that was a satisfying experience. Thank you to the following radio amateurs who participated this year. AB2OY, AD2DB, K2AXP, K2DCO, K2MTV, K4GWA, K5DO, K5KHK, K9FGT, KA1CNF, KA2CGB, KA2WNS, KB2FSB, KB2NCI, KC2KNJ, KC2NM, KD2DNO, KD2OHI, KD2UBJ, KD2UJC, N2IZV, N2JAC, N2MKT, W2COP, W2SBA, W2SKY, W2SUZ, WA2FTV.

Due to a threatening weather forecast that included rain, high winds, and thunderstorms the [MS ROC the ride Great Lakes Experience](#) was canceled for Saturday, August 12. This bike ride was to have been held in Orleans and Niagara Counties. It was to be a fundraiser that brings the community together to change the world for everyone affected by MS. RARA and Orleans County ARC

members were well prepared for this event and thanks are due to the following amateur radio operators for volunteering and preparing for the event. AD2DB, KD2UJC, N5BNO, KC2NM, KE2BMS, K4GWA, W2SKY, KD2SSH, NR2C, KD2KOS, K5DOC, K2MTV, W2DST, W2PCW.

The Annual Fairport Lift Bridge Regatta is scheduled for Saturday, September 23, 2023, at the Fairport Crew Club Boathouse, located on the Erie Canal near the bridge on Route 31F (Fairport Road). Racing will begin at 8 a.m. and end at about 3 p.m.



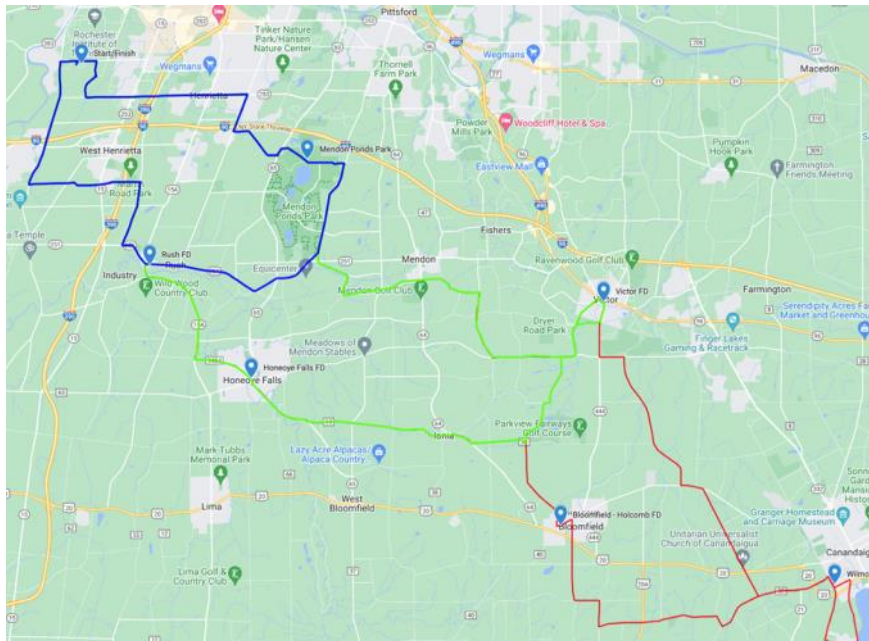
A group of radio amateurs conducted a site survey of the canal area surrounding the event location on Sunday August 13. The purpose of the survey was to address problems discovered during past events. Addressed were problems finding a suitable nearby repeater or simplex frequencies that would work for every use case. During the survey, we learned that simplex operations did not have the range to span the distance from the start line, finish line, and locations near the boat house. We also found that using repeaters 1-5 miles from the boat house did not work well for communications between amateurs located tens of feet from each other. We concluded that stations at those distances were desensing each other's receivers when transmitting the same band. A solution was provided by Paul KD2DO who erected a dual band antenna located high in a tree and a radio configured as a crossband repeater. Stations local to the boathouse were operated on 70 cm on a frequency on one side of the crossband repeater. Stations on the distant points of the course were operated on the 2M frequency on the other side of the crossband repeater. Band separation of the sides of the repeater prevented the desense issue previously observed and it is believed that this arrangement will provide reliable communications for the event.

Watch for a package from Mark, KC2UES with details concerning frequencies. Ham volunteers will be meeting at 6:30 a.m. Saturday at the Fairport Crew Club boathouse. If you have any questions, contact the Lift Bridge Regatta Captain Mark Pedersen, KC2UES at mpeder21@gmail.com or (585) 469-1084. This event is a great family activity involving many high school-aged youth.

Our newest public service event is the inaugural Wilmot Breakaway Ride – Wilmot's first-ever cycling event – on Saturday, Sept. 30. This ride is made up of three ride courses with lengths of 25, 50, and 75 miles. The festival site, start and finish lines, and command center will be located at the [UR Central Lab 211 Bailey Road, West Henrietta, NY 14586](https://www.google.com/maps/d/u/0/edit?mid=1TrH3nDK5hkB4EoZZbre1OHiQKsEfpAA&usp=sharing) and the ride courses will extend to the south and east as far as Canandaigua. The map of the ride courses is shown following and a detailed interactive ride course map may be viewed at <https://www.google.com/maps/d/u/0/edit?mid=1TrH3nDK5hkB4EoZZbre1OHiQKsEfpAA&usp=sharing>

We will provide a communications command center, sweep and sag vehicles, and rest stop communications with directed communications net functioning as we do for Tour de Cure and MS Rides. I would like to recruit a pair of event captains to direct this effort. RARA has a long history of running these kind of events and I can work closely with you and provide a template for the organization. If you would like to serve our club in this way please contact me at mikemoore@ieee.org.

The big challenge for this event results from the fact that it follows the Fairport Lift Bridge Regatta on Sept. 23 by one week. We will need a large number of communications volunteers within this tight time frame. If you have not worked this type of event for a while, please consider volunteering. I am sure that we will need extra help to ensure the success of the events. The Fairport Lift Bridge Regatta requires only a handheld radio where a mobile radio would be recommended for the Wilmot Breakaway Ride.



Wilmot Breakaway Ride 27, 50, and 75 Mile Courses

Remaining events in the 2023 public service calendar are listed in the following table. Visit https://rochesterham.org/public_service.htm for more information and to volunteer.

Upcoming Public Service and Operating Events:

Event	Location	Day	Date
Fairport Lift Bridge Regatta	Erie Canal – Fairport, NY	Saturday	Sept. 23, 2023
Wilmot Breakaway Ride	UR Central Lab, 211 Bailey Road, West Henrietta	Saturday	Sept. 30, 2023
JOTA / Ham Radio Demonstration - CTC	Camp Cutler, Naples, NY	Saturday	Oct. 21, 2023
Pumpkin Patrol	Overpasses of the New York State Thruway	Monday and Tuesday	Oct. 30-31, 2023

AUGUST MEETING REVIEW

TIM BARRETT, K9VB, RARA VICE PRESIDENT

The August meeting was well attended with around 60 people, including online attendees. Following the usual format on business items followed by a social break we went on to the main presentation. Btw thanks to Rich Hoffarth, K2AXP for organizing coffee and donuts at each meeting!

Let us have your feedback on the first part of our meetings. Is it too long? Should we cut some of the items or are there things you would like us to add? Let Scott Theis or I know if you have an opinion to share.

The main presentation was from Tim Guyot, KB1POP who talked about RGE's Station 5, a hydro-electric plant on the Genessee river in Rochester. He told me earlier that 'a few years ago I had an opportunity to tour RG&E's "Station 5" hydro-electric plant and enjoyed it so much that I wanted to share it with the club.' He began by reviewing the interesting history of hydro power in the city with the Triphammer Forge at Brown's Race at High Falls, Then the main part of the talk focused on Station 5 at the Lower Falls. It was interesting to see how a mix of antique and modern equipment is in daily use there and that raised the question of how such equipment can be maintained when much of it is effectively obsolete. There was an interesting discussion about how the generator is brought on to the grid, it is essential that it is exactly in phase and stays that way once it is linked, Tim explained.



PROCEDURE FOR THE ON-LINE RARA ANNUAL BUSINESS MEETING

SCOTT THEIS, W2LW, PRESIDENT

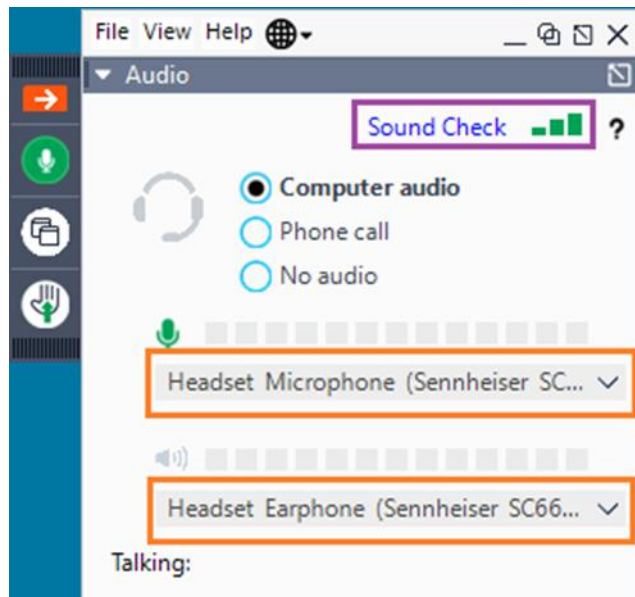
We wanted to provide some extra information so that you'd know what to expect at this year's hybrid on-line and in-person business meeting.

While on-line attendees are encouraged to speak during the meeting, it will not be required to participate. You will however want to be sure that you can hear the various presenters.

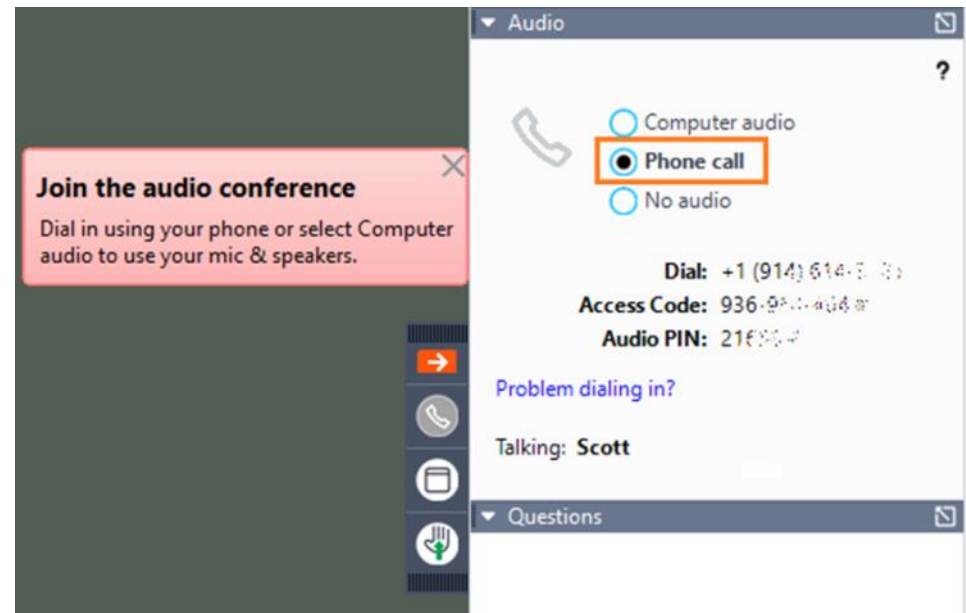
When you first join the meeting, you may be presented with just this small control panel.

To see the rest of the features, click the red/orange arrow at the top to expand the panel.

Once expanded, make sure that you have the audio device you want to use selected. (See orange boxes) If you're having trouble, select the sound check (purple box) and you'll be presented with additional audio options.



In the event that you still have trouble, select the phone call button and you'll be presented with a phone number, access code, and PIN so that you can dial-in to hear the audio. Please be sure to enter both the access code and PIN as this is how the system associates your phone with your web-connection.



We will complete the business meeting before moving on to elements of our regular meeting. The business meeting agenda is:

- Count of Members
- Approve 2022 Minutes
- Election
- Dues
- Treasurer's Report
- Close

Each of these items will have a survey question in the webinar. They will look like this.

If you are not a member, please select "Not a member". This helps with the live calculation of the votes.

Polls will be held open for 60-90 seconds to allow you to respond.

Once you select an option and click submit, you will see your selected option and the submit button will change to text.

presented ... *(We will insert the list from the committee for the meeting)*

Please select one:

- ☒ **Yes**
- ☐ **No**
- ☐ **Abstain**
- ☐ **Not a Member**

Your poll answers have been submitted.

If you have trouble or need to speak at any time during the meeting, please use the raise hand button in the control panel and we will unmute you.

You can also type in the questions field in the attendee panel.

▼ Questions

[Enter a question for staff]

Send



If you have questions about the business meeting, please contact president@rochesterham.org and I'll work with the board to make sure we get you an answer.

Minutes of the Rochester Amateur Radio Association, Inc. Annual Business Meeting 7 September 2022

RECORDED BY BRIAN O'CONNOR, KA2CGB

RARA President, Tim Barrett (K9VB), called the meeting to order at 7:05 PM.

RARA Vice President, Scott Theis (W2LW), advised that the Club currently has 514 full (voting) members, and that the required quorum is 51 members.

There are 37 full members attending in person and 43 full members attending on-line, for a total of 80. The quorum is met.

The Minutes of the September 2021 meeting (which were published in the current edition of the RaRa RAG), were presented for review. A request for any correction to the Minutes had no response. A request for any objection to approve the minutes was presented. With no objection from the gathered membership, the Minutes as published was approved by unanimous consent.

RARA Secretary, Karl Heinz Kremer (K5KHK), presented the Nominating Committee Report (which was published in the current edition of the RaRa RAG), and invited nominations for officers and directors from the floor. Hearing none, the nominations were closed.

With no objection from the gathered membership, the Secretary cast one vote for the agreed slate of nominees.

RaRa President, Tim Barrett (K9VB), advised the gathered membership that the outgoing Board recommended no change to the current membership dues structure, and asked for any objections from the floor. Hearing none, the current dues structure was adopted by unanimous consent.

RARA Treasurer, Mike Moore (KC2NM), presented the Profit and Loss (P&L) statement and the Balance Sheet for the fiscal year ending 31 August 2022. Mike responded to some questions from the floor.

RARA President, Tim Barrett (K9VB), closed the Annual Business Meeting at 7:20 PM.

NOMINATING COMMITTEE LETTER

August 4, 2023

To: **Brian O'Connor, KA2CGB**
Secretary, Rochester Amateur Radio Association
P.O. Box 93333
Rochester, NY 14692

To the Secretary and Membership of RARA :

We, the undersigned, as members of the 2023 RARA Nominating Committee, are pleased to place the following names in nomination for Officers and Directors of the Corporation for the fiscal year commencing 1 September 2023.

President:	Scott Theis, W2LW
Vice President:	Tim Barrett, K9VB
Secretary:	Mike Moore, KC2NM
Treasurer:	Brian O'Connor, KA2CGB
Directors:	Rich Bishopp, KD2UBJ Tim Guyot, KB1POP Karl Heinz Kremer, K5KHK Mike Kennerknecht, N2MAK Dave Wilson, WA2HOY

This concludes the work of the 2023 Nominating Committee.

With best regards,

RARA 2023 Nominating Committee
Pete Fournia, W2SKY
Mike Sanchez, KM2B
Frank Schramm, WB2PYD

BIOGRAPHIES OF CANDIDATES FOR OFFICERS AND BOARD OF DIRECTORS OF THE ROCHESTER AMATEUR RADIO ASSOCIATION

Scott Theis, W2LW
Candidate for President

My name is Scott Theis, and I am an Extra Class amateur and the Director of RARA. Since 2017, I have served as a board member, as a director, as Vice President for three years, and President this last year. During that time, I have also served as club webmaster. One of my early initiatives was to restart the RARA Academy and, in doing so, I became co-manager/instructor for the first few years. Since then, others have picked and expanded the academy project.



I hope to continue to serve as President and Webmaster for this upcoming year. My primary goal is to continue to support amateur radio through club activities in education, field activities, web development and operating opportunities all while fulfilling our primary mission goals. I believe that the club has achieved a lot in the 22-23 year and hope to continue that success in the next year.

Since it has been previously published in past RARA Rags, I'll spare you the details of my long background with radio except to say radio electronics has been a passion of mine since childhood. I have always made my living in software development, and I have also done some hardware development during my career. Still, electronics and music have been my love (aside from my spouse, children, and grandchildren!). When it comes to executive management, I have a great deal of experience; I have been the President and CEO of Novaworks, LLC for over ten years. I also have served as the Domain Steering Committee Chairperson for XBRL US for seven years, which is a key organization involved in the financial data reporting industry.

I would be honored to continue to be your President and pledge to do my best to help the club continue to serve its members and the community.

Tim Barrett, K9VB
Candidate for Vice President

Originally from the UK, I have lived in the Rochester area since 2004. I have had a lifelong interest in radio and electronics, first becoming licensed in the UK as G7NYA in 1987 and later as M0TIM. On moving to the US one of my first actions was to get my Extra ticket and become a member of RARA (Life member since 2006). My interests are HF and restoring or repairing old test equipment, but I am mainly interested in the technical / theoretical side of the hobby.



We are fortunate to have such a great club in the Rochester area and I believe that it is a benefit to the whole Rochester area amateur radio community. I have served as Membership Secretary for the past nine years and been on the Board of Directors for eight years including two years as president and the past year as Vice President.

One of the responsibilities of the Vice President is to obtain speakers for our monthly meeting presentations. I hope you have found the presentations interesting in the past year. I try to maintain a balance between specifically ham radio talks and related subjects that I hope are of interest. If elected, as vice president I will continue to work to find interesting, informative and entertaining speakers. If you have any comments about past presentations or suggestions of a topic you would like to hear or would care to present please do contact me.

Mike Moore, KC2NM
Candidate for Secretary

I was licensed in 1967 as WN8ZPY in southern Ohio. The Heath company served me well by introducing the HW-16, HW-100, and SB-102 transceivers for my ham radio progression. In those days, I assembled a half dozen kit radios. I moved to Rochester in 1976 after graduating with a BSEE degree at the University of Cincinnati. In Rochester, I worked at Xerox while earning an MSEE degree from RIT. I was assigned the callsign WA2GSG. For most of my career, I worked in my own business developing software for assembly and test equipment. Along the way, I changed my callsign to KC2NM, probably when I upgraded to Amateur Extra Class in 1995 following the RARA license class. My current ham radio interests include APRS, Allstar, DSTAR, and DMR. DSTAR operations include REF009C with a daily QSO with my brother, Bob AL7MH and on W2RIT-B. I can often be found on my hotspot KC2NM-B or W2RIT-B. I retired from Excelis (now Harris) as a Test Engineer in 2016 and in addition to Ham Radio, my interests are in boating, biking, cooking, scouting activities, and play-



ing with my five grandchildren. I currently serve as Treasurer, Public Service Coordinator, and Hamfest Committee member at RARA.

Brian O'Connor, KA2CGB
Candidate for Secretary

Although first licensed in 1978, I was not very active in the hobby while working with radios as a day job. I became more involved following retirement and upgraded to Extra in 2016. My modest shack has all-mode capability from 80m to 70cm. Member of AARL, RARA, RDXA and RVHFG.



It has been an honor to serve on the RARA Board since January 2017: first as Treasurer, then Vice President, Director and currently as Secretary.

Always wanting to find a new home for another Ham's equipment, I coordinate donations to the Club as well as managing our hamfest Country Store and our Annual Auction. I serve as custodian of Club-owned radios, antennas and accessories, which support several operating events throughout the year.

I am looking forward to continuing service to the Club as Treasurer.

Retired from Harris RF Communications after 30+ years. Early on I worked with low-level analog and digital circuits and wrote quite a bit of embedded software. But the bulk of my career was helping customers implement large communications systems using 100 kHz to 5 GHz and with stations from QRP to 100 kW. My HF antenna experience includes vertical monopoles, dipoles, mag-loops, rhombics and broad-band HF log-periodics (huge vertical dipole LPAs, too). To be close to our customers, my family and I lived in Europe and the Middle East for more than a decade.

Now empty-nesters, XYL Marion & I live in Perinton. I like testing things (such as radios, antennas and filters), and enjoy operating events such as Field Day and the New York QSO Party (NYQP). Outside of radio, I tinker with an old Fiat X-1/9 and avidly follow Formula 1 auto racing.

CANDIDATES FOR DIRECTORS

RICH BISHOPP, KD2UBJ **CANDIDATE FOR DIRECTOR**

Yes I am running again for another term. I am running for my second term for a seat on the RARA Board of Directors. The past year was certainly a learning year. I got to see how everything is run behind the scenes for our club. I hope this upcoming term will allow me to be become more intimate with the operations and give me ability to make improvements and help keep our club doing great things. I would love to hear from anyone in the club if you have an issue or an idea. There is always room to improve and always things we do well and want to continue doing. Please feel free to reach out to me. Below is basically the same bio from last year but hopefully with fewer spelling errors. Hi Hi



Rich has been a volunteer most of his life. He started as a Boy Scout earning his Eagle Scout rank in 1982. Not only was he active as a Scout as a youngster, he was also active with his son's troops in several positions such as assistant scout master, scout master and committee member. Rich also served at the district level for the BSA running the Friends of Scouting campaign and the Pop-corn fundraiser. He and his wife Suzanne also served at the council level as well, heading up the Scouting for Food program for the Towpath District.

Scouts aside, Rich volunteered at the Perinton Ambulance Corps for about 2 decades, as well as the Fairport Fire Department for 24 years.

Somehow within all of that volunteering, Rich has been a career Fire Fighter for over 30 years and raised 3 sons – all Eagle Scouts. He is now married to Suzanne and gained a step-daughter along with her. Together, Rich and Suzanne enjoy camping, birding and playing radio.

So why ham radio. When I was younger a couple guys I volunteered with were active in ham radio and suggested I 'd enjoy the hobby too. At the time I felt I could not add another iron to fire since I had a teenage son and two more heading in that direction. Also, I did not have excess funds with the young active family in scouts and sports and yes you guessed it camping. Now being a little bit older and experiencing some infrastructure struggles, if you will, I thought it would be a good idea to have a back up plan. I obtained my tech license in June 2020 so, you could consider me a corona virus statistic. Actually I was working on it before that fiasco started. The general license came along in the fall of 2020 and AE in the spring 2021. So a fairly rapid progression in privileges. I still have the same goals in radio that I started with, be able to make contacts whenever and from wherever I needed to. I dragged my wife, Suzanne W2SUZ, into this in 2021 and we both enjoy combining the Parks on the Air program with our camping. Most people make very quick contacts and move

on but I enjoy taking 30 seconds or a minute or two and have a short qso. The short exchange I have with others, about the weather or their radio and antenna or whatever else seems timely, and helps meet my goal I started out with. I once had a 20 minute qso with another POTA station holding the frequency for a third who was moving between parks to work on a rapid deployment activity. I also gave up my frequency temporarily to a station in IL who needed AK, which I had just worked, for his WAS award. The two made the qso and exchanged a little more info about their operating conditions and turned the frequency back over to me and I continued on with my fun. Perhaps you can tell contests are not really my thing. I can see the fun in the face paced qso and have answered some stations calling cq for the contest but that's not really for me. I have made a few digital contacts(FT8) but I prefer SSB and now CW. I have learned more about the digital modes and now use Winlink email to stay in touch with my family while I camp in areas with no service and completely off grid.

TIM GUYOUT, KB1POP **CANDIDATE FOR DIRECTOR**

I got into amateur radio during college at RIT in 2007. Thanks to Dave Snyder (KC2REO) and Jim Stefano (W2COP) I had a variety of experiences with the club station, K2GXT, and public service. I enjoyed working on antennas on the roof of the Student Alumni Union, and learning about repeaters in the shack on Ellingson. Public service gave me practical experience helping others and working on directed nets. I earned my general-class license in 2008, but didn't get into HF until 2018.



If elected, this will be my eighth year serving on the board. I've served as Secretary, VP, two years as President, and most recently as a Director. I've also been heavily involved in producing the last five Hamfests. As a director I will continue to work on the hamfest as well as our various club events, especially those that involve introducing HF operating to less experienced hams. I look forward to the opportunity to serve another year.

KARL HEINZ KREMER, K5KHK
CANDIDATE FOR DIRECTOR

Two first names, and no middle name – my friends call me Karl Heinz.

Born and raised in Germany. From a young age on, I was fascinated by all things electrical. I started to take things apart that others were throwing out (TV sets, radios, anything with an electric motor I could get my hands on and so on). Eventually, I started to put those parts that I crudely took out of stuff back together to build other stuff. That got me on the path to become an electrical engineer. My first job after graduation was as a software engineer, and I never actually worked as an electrical engineer.



I worked for Kodak in Germany, and they moved me to Rochester - twice. In '94 I got my Tech+ license as N2XRQ. I made a few 5WPM contacts and then job and life had different plans for me and I put the radio away for more than 20 years. A few years ago, I took my radio out of storage, upgraded to Extra (now as K5KHK) loaded up my rain gutters and played around with digital weak signal modes. I've always enjoyed home brewing (the electronic kind, but I've brewed beer a couple of times as well).

I am the club's education coordinator and also teach the Technician license class. Besides my involvement in the local club, I am also the POTA mapping coordinator for New York (and a POTA activator and hunter).

MIKE KENNERKNECHT, N2MAK
CANDIDATE FOR DIRECTOR

It has been an honor and a privilege to serve the past two years on the Board of Directors. We have a supportive local ham community that encouraged me to continue my studies and get involved, so I enjoy being able to give back to the club and help other new hams. Earlier this spring, I helped organize our club's first POTA academy. I was thrilled that we had more than 30 hams turn out for the event.



Portable operations is my passion in amateur radio—I love getting out and operating Parks on the Air and Summits on the Air. There's so many amazing places I've visited and discovered because of POTA and SOTA.

I'm still a relatively new ham, having got my Technician license in November 2020, my General in January 2021 and my Amateur Extra in February 2021. My oldest son, Ben, got his Technician license in March 2021, thanks to the RARA class, and upgraded to General in July 2021. He's been a regular volunteer with me at the Hamfest and other events as well.

I am originally from the Utica area and I lived in Binghamton for about a decade after college, where I served as Chief of Staff to New York State Assemblywoman Donna Lupardo. My wife—a native of Rochester—and I moved to be closer to family and we live in West Henrietta with our 2 sons, Ben and Jake. I am the Economic Development Coordinator and Assistant Director of State Relations for the University of Rochester. I have a B.A. in Political Science from SUNY Cortland and a Masters in Public Administration from Binghamton University.

DAVE WILSON, WA2HOY
CANDIDATE FOR DIRECTOR

It's been an honor to have served on the board of directors this past year. We've accomplished a lot with another successful Hamfest, great license classes with plenty of new licensees and upgrades, the RARA POTA event in April, and the operating event for new(ish) hams in May, among many other great events.



I've been licensed since 1976 when I earned the General Class and obtained the call sign that I have now. I achieved the Advanced Class in the late '80s. I have been a member of RARA off and on over the years, and rejoined in 2017, and in that year took the Extra Class License course, and passed the exam in 2018.

Since I've returned as a member I've been active in various events, The Lighthouse Weekend, The RAXRX CW group, one of the proof readers for the Rag, volunteering at the RARA Hamfest, among others.

While most of my on air activity has been on SSB and FM, I have begun to make a few contacts using CW. I am also looking forward to start using some of the digital modes.

I look forward to serving for another year on the RARA Board.

20 Years Ago, September 2003

The September RaRa Meeting is historically a welcome back gathering as face to face meetings return after a summer off for travel, vacations and perhaps an antenna project or two. This month brought a special treat as two programs are offered for your entertainment and education, as reported by your RaRa Vice President, Brad Armstrong, W1YX. Our first program was Judy Stonehill, N2KXS, Emergency Communications Coordinator for Monroe County and a Registered ARECC Level III Communicator as well as FEMA Certified for emergency operations. Judy spoke on emergency communications in today's world, RACES/ARES organizations and local operations. Following Judy's presentation, we saw Local Scouting enthusiast and JOTA Leader Mr. John VanGriethuysen, N2BNE, sharing information on scouting's Jamboree on the Air (JOTA), now in its 46 th year. John's talk included many exciting photos of local previous JOTA activities from John's very cable camera, held by the hands of his semi-professional photographer status. Meetings at this time were held at the Henrietta Fire Hall on East Henrietta Road.

We often read the writings of Peter Fournia, W2SKY, between these pages and in this issue he recognized the outstanding performance of local emergency communicators as amateur radio operators turned out in large numbers in support of the "Big Blackout" when (do you remember where you were?) 50 million citizens in the Northeast United States lost power, including 80% of the greater Rochester area. Cited for exemplary on-air duty were: KB2CHY, W2SKY, N2UIO, K2MP, WB2MDO, N2EH, N2JAC, AA2YV, N2JAC, N2IXD, N2XKS, WB2QMY, N2EZV, N2BNE, W1YX, N2CK, K2SI, WA2MYG, WA2EKL, N2HJD, WB2RJB and several others scattered in many log books. Amateur radio in its finest. On the same subject of "The Big Blackout," Judy Stonehill K2XYS, wrote from her Monroe County Emergency Communications office, with more details on local happenings.

Another often contributor to the Rag was Dwight Hill, K2KWK, who in this issue informed Amateurs of a problem with a newly enacted NY State Traffic law (§397). This law prohibited scanning receivers in motor vehicles but did not specifically eliminate the common use of Amateur VHF FM equipment in such vehicles. After several Amateurs were cited for this offense, your ARRL went to work and the bottom line revealed FCC Docket 91-36 that corrected the issue. So scan and drive while feeling safe.

And speaking of contributing editors, another such individual was Keith Freeberg (sk) N2BEL, who had three inserts in this issue, one Titled "Good Things to Do," where he talked about and urged readers to sign up and participate in one of the many RaRa Public Service activities this year. Another writing found Keith telling his readers how to educate the public about Ham Radio in general, and finally his third effort was a nice article titled "Are you Smarter Than the Average Ham." There, he told the story of a little known Ham Radio challenge conducted at the recently conducted Buffalo Hamfest. It was there that several radio clubs

went head-to-head in attempting to answer questions exactly as written in the ARRL Extra Class License Manual. Competing from RaRa were Don Dunn AB2NM, Nolan Stephany N2EAW, Mark Delaney KC2GMG and Keith Freeberg N2BEL. So who won the trophy, why the Rochester team, who else? The team won what was called a "large and very ugly" trophy. Any readers out there know where it is?

Ray Pickens (sk) WA2MYG, the RaRa License Class Director, penned an article describing the Fall classes starting in September at RIT building 76. The Rochester Area Packet Society was well represented by Jack Tripp W2JAT, who wrote to tell all about the activities of RAPS and what you can do with all of these digital communications gizmos on the market today. Their monthly meetings were held at the RIT Campus.

Ed Holdsworth (sk) N2EH, Monroe County Office of Emergency Preparedness, invited folks to join the enhanced Pumpkin Patrol this year. "RaRa Radio Coaches New Programs" was a large feature article by Peter Fournia W2SKY. Peter, assisted by Allan Pellnat KX2H, described the wonderful work they're doing at the Thomas Jefferson Middle School (TJMS) to generate a Communications Technology program for the 6 th and 7 th grade students. This serious work involved installing antennas on the school roof and HF and VHF stations within the building, much to the delight of School principal, Mr. Milton. Planned activities include what we would call today, STEM classes as well as fun activity such as Amateur Radio communication with similar schools throughout the country.

With regret it was announced that Don Herman KB2DK, Pat Moyer N2AIW, Arthur Wachs N2DPM and Ash Palmer K2EAW, were reported as Silent Keys. From the Want Ads you could buy a Ham Shack, in a house and on land in Greece, from Rick W2RW. Advertising on the Commercial side was Marykay Vesco, KC2DPG, as an Independent Insurance Broker.

(Due to the size of this article the image of the cover of September 2003 RARA Rag is on next page.)



the RARA RAG

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VOL. 56

SEPTEMBER 2003

NO. 1

SEPTEMBER MEETING

"PROGRAMS" Brad Armstrong W1YX

As a welcome back to Club general membership meetings, September's program will be a bonus two-for-one special! We will have presentations by both Judy Stonehill, N2KXS, and John "Van" VanGriethuysen, N2BNE.

Judy will be talking about amateur emergency communications in today's world. Topics covered will include what the ARES/RACES organizations are, what is going on locally, and how you can participate in this important aspect of amateur radio. Signup sheets for ARES will be available as well. Judy is the Emergency Coordinator for Monroe County and has completed the ARECC Level III certification as well as FEMA training.



RaRa

MEETING

September 5, 2003

8:00 PM

HENRIETTA FIRE HALL
3129 E. HENRIETTA RD.

Emergency Communications
& JOTA

Presented by

Judy Stonehill N2KXS

John VanGriethuysen N2BNE

Van's topic will be the Jamboree On The Air, National Scouting event coming October. JOTA is an annual operating activity that seeks to put Scouts from all around the world in touch with amateur radio and with each other on the air. This talk is sure to include information and photos from past JOTA events as well as what can be expected at the 46th annual event this year. I participated in this with my son last year and we had a great time!



These are both great and timely topics, and All Club members and guests are encouraged to attend. My hope for this year is to find as many ways for folks to get involved in local amateur activities as I can and learn a little along the way. If you have a program idea, especially one that showcases ways for local hams to get involved (doing, building, learning, any way at all), please contact me as soon as possible so I can get you on the schedule. See you at the meeting!

BLACKOUT!

Peter Fournia, W2SKY

The Monroe County amateur radio operators were impressive during the recent blackout! The turnout of hams, their behavior and the quality of communications was exemplary. They provided an excellent snap shot of the local outage and availability of services. They were in action BEFORE the emergency was declared in Monroe County.

At 4:13 EDT on August 14, 2003 about 50 million people in the Northeastern N.A. continent lost electricity. This included about 80% of the Rochester metropolitan area. By 4:30

Continued on page 3

RaRa RAG 1

40 Years Ago, September 1983

RaRa Vice-President and program Chairman Ray Roberts (sk) WA2SSU, wrote to invite members to the first meeting of the new season featuring a father and son duo speaking on TV Satellite receivers. Clyde Washburn Jr. K2SZC and his Dad, Clyde Sr. K2OAN, enlightened all on the maze of new three meter TVRO dishes appearing in a neighborhood near you!

At this time RaRa meetings were held at the 40/8 Club on University Avenue across from Gleason Works. Ed Mahar WB2ZJY, writing for the Rochester VHF Group, announced that Bruce Sidari WB2TMC, has become the new Editor of the VHF Club Newsletter. Incoming RaRa President Bill Thiel K2KGE, wrote in this new RaRa Season edition of the Rag, to welcome back old and new members as well to inform readers that RaRa has been approved as an ARRL Special Service Club.

Ed Holdsworth N2EH, Monroe County Emergency Coordinator and the friendly boss of RaRa's Public service events, wrote to say RaRa has already booked an outstanding list of such events numbering 16 in total. Some events take less than five operators and a short amount of time where others can take 40 to 50 amateurs and take more than a day to complete. Experiences include riding, walking and running, traversing roads, water and paths via bike, cars, boats, carriages and a horse or two. These events offer fun and communications training under difficult conditions that are a true service to the community.

The Rochester DX Association reported a successful Field Day operation as measured by doubling last years score. At this time the RDXA had monthly meetings at the Colonial Hotel on Empire Blvd. After Several months of hard work, Jim O'Brien K2UDP, announced that the printing of the new and colorful RaRa member QSL cards is complete, and your order is ready for delivery. Ed Holdsworth (sk) N2EH, was heard from again, this time detailing the new licensing class sessions. The total cost for the Novice class, including registration, books and associate RaRa membership was \$9.00. The total cost for Tech/General classes was \$14.00, including a more expensive License Manual and a full RaRa Membership.

Although not exactly ham radio related, Warren Ulrich N2AUV, sought out ham radio readers to announce the formation of a new computer users group called the Commodore Users Group of Rochester (CUGR). Members will enjoy a large library of program applications and a monthly meeting held at Edison Technical High School.

This issue also featured a "Shuttle Update" as the exciting news of Space Shuttle STS-9 nears its October 28 th launch. The big news is that STS- 9 will contain ham radio with an easy to work two-meter FM set up on board with the callsign W5LFL and a down link frequency of 145.550 Mhz for North America. Schedules and orbit information will be highly publicized. (I worked 'em with 5 watts and a vertical – Ed)

With regret it was reported that Ted Wright KB2SB was reported as a silent key. From the Want Ads you could buy a complete Amateur Radio estate, mostly Heathkit gear, being generously handled by Ron Jakubowski, K2RJ. Radio World, of Oriskany, NY, offering Drake, Kenwood, Yeasu and other fine amateur equipment, remained a long-time commercial advertiser.

The RARA RAG

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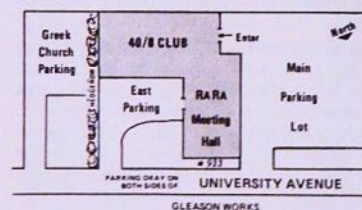
NO. 1

RaRa MEETS SEPTEMBER 9th TV SATELLITE RECEIVERS

Again, summer is gone and the way the low-bands are most of us will only have TV to keep us occupied. So why don't you come and find out more about satellite TV reception.

Clyde Washburn Jr., K2SZC and Clyde Sr., K2OAN are experts in this field and will be presenting the program at our September 9th meeting. Meeting place is the familiar 40/8 Club at 933 University Avenue across from Gleason Works. The festivities start at 8 p.m.

By the way, if there is a special program that any of you think you should have, call Ray Roberts, WA2SSU, at 663-6157 or during the day 722-0545 or you can give your idea to any officer or director.



40/8 PARKING

RDXA: SEPTEMBER 20th

The RDXA kicks off its new season on Tuesday, September 20, in the Colonial Hotel on Empire Boulevard. Formal meeting is at 8:15 p.m. and is frequently preceded by a little elbow bending and jaw boning. Our meeting will feature a slide show and talk about the 1983 RDXA Field Day activity. The event was a huge success, with the group effort chalking up about a 100% gain in score from the 1982 activity.

SILENT KEY

KB2SB, Theodore Wright – June 12

RRRA MEETS SEPTEMBER 23rd

The Rochester Radio Repeater Association is pleased to announce that its September program will be presented by the Xerox Amateur Radio Club. The program will consist of slides and a talk about the club's 220 MHz repeater. The repeater is located on the top of the Xerox Square Building in the heart of downtown Rochester. The meeting will be held at the Pittsford Town Hall, 11 South Main Street, Pittsford, New York. The meeting begins at 8:00 the night of Friday, September 23.

VHF GROUP: NEW MEETING SITE by Ed Maher, WB2ZJY

During the forthcoming club activity period (1983/84), most meetings of the Rochester VHF Group will be held at 111 Westfall Road in Rochester. Meetings are normally scheduled to occur on the second Friday of each month. The new site is also the home of the RaRa Club Station, K2JD. The actual room is the first floor auditorium. We expect to use the same meeting place except for field trips which will be announced in our monthly newsletter.

Our monthly bulletin this year is being produced by Bruce Sidari, WA2TMC. Articles and information for publication should be sent to Bruce at 111 Linwood Avenue, Albion, NY 14411. Its real easy to be sure you get a copy of our newsletter each month. Just send \$2.00, to cover the cost of the postage for the ten issues, to our Secretary/Treasurer Joan Pen, KA2QHF, 4216 Walworth-Ontario Road, Walworth, NY 14568.

Our first meeting of the season takes place September 16 starting at 8 p.m. I would like to invite everyone to this meeting, or all or any of the others during the year. If you operate in the VHF or UHF (or higher), or are interested in what takes place in those regions you are most welcome in our club. The program for our first meeting will be announced in the first issue of our newsletter. Hope to see you there!

RARA CALENDAR

TIM BARRETT, K9VB, MEMBERSHIP SECRETARY

September 2023						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 K1USN Slow Speed Test	2 ROC City Net 28.405 MHz, 9pm RARA Elmers Corner, 10am All Asian DX Contest, Phone Wake Up! QRP Sprint RSGB SSB Field Day IARU Region 1 SSB Field Day CO QSO Party AGCW Straight Key Party PODXS 070 Club 80M Sprint SARL Field Day Contest
3 All Asian DX Contest, Phone RSGB SSB Field Day IARU Region 1 SSB Field Day CO QSO Party PODXS 070 Club 80M Sprint SARL Field Day Contest TN QSO Party	4 AWA Net 145.110 MHz, 7pm VHF Group 9pm 144.260 SSB ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest ARS Spartan Sprint	5 Phone Weekly Test	6 RARA Annual General Mtg BSA & ONLINE 7pm ROC City Net ~3.830 MHz, 7p A1 Club AWT CWOps Test VHF/UHF FT8 Activity Contest Mini Test 40, 80 Walk for the Bacon Contest	7 RARA BoD Mtg 6:30pm ARES Net 146.610 MHz, 7pm VHF Group 9pm 50.205 USB NRAU 10m Activity Contest NCCC FT4 Sprint SKCC Sprint (Europe) NCCC RTTY Sprint	8 K1USN Slow Speed Test	9 Lancaster Hamfest ROC City Net 28.405 MHz, 9pm ARRL September VHF Contest ARRL EME Contest WAE DX Contest, SSB SKCC Sprintathon NA Sprint, CW FOC, AL QSO Parties OH State Parks on the air YB7-DX Contest
10 ARRL September VHF Contest ARRL EME Contest WAE DX Contest, SSB SKCC Sprintathon AL QSO Party YB7-DX Contest	11 AWA Net 145.110 MHz, 7pm VHF Group 9pm 144.260 SSB ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest	12 Phone Weekly Test	13 ROC City Net ~3.830 MHz, 7p A1 Club AWT CWOps Test VHF/UHF FT8 Activity Contest Mini Test 40, 80 RSGB Autumn Series 80M CW	14 ARES Net 146.610 MHz, 7pm VHF Group 9pm 50.205 USB BCC QSO Party NCCC FT4 Sprint NCCC RTTY Sprint	15 K1USN Slow Speed Test AGB NEMIGA Test	16 RARA Testing at RIT 10am ROC City Net 28.405 MHz, 9pm ARRL 10GHz and Up Contest IA, NJ, NH, TX QSO Parties QRP Afield Feld Hell Sprint NA Sprint RTTY Wisconsin Parks On The Air Washington State Salmon Run Scandinavian Activity Cont, CW
17 ARRL 10GHz and Up Contest NH, TX QSO Parties Washington State Salmon Run Scandinavian Activity Cont, CW	18 AWA Net 145.110 MHz, 7pm VHF Group 9pm 144.260 SSB ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest RSGB FT4 Contest 144 MHz Fall Sprint	19 Phone Weekly Test	20 ROC City Net ~3.830 MHz, 7p A1 Club AWT CWOps Test VHF/UHF FT8 Activity Contest Mini Test 40, 80 Walk for the Bacon Contest	21 ARES Net 146.610 MHz, 7pm VHF Group 9pm 50.205 USB Walk for the Bacon Contest NTC QSO Party NCCC RTTY Sprint NCCC FT4 Sprint	22 K1USN Slow Speed Test	23 ROC City Net 28.405 MHz, 9pm Fairport Lift Bridge Regatta CQ WW Contest, RTTY Maine QSO Party Masonic Lodges On The Air
24 CQ WW Contest, RTTY Maine QSO Party	25 AWA Net 145.110 MHz, 7pm VHF Group 9pm 144.260 SSB ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest QCX Challenge	26 AWA 2023 Conference Phone Weekly Test SKCC Sprint 222 MHz Fall Sprint	27 AWA 2023 Conference ROC City Net ~3.830 MHz, 7p A1 Club AWT CWOps Test Mini Test 40, 80 UKEICC 80M Contest	28 AWA 2023 Conference ARES Net 146.610 MHz, 7pm VHF Group 9pm 50.205 USB NTC QSO Party NCCC RTTY Sprint NCCC FT4 Sprint RSGB Autumn Series 80M Data	29 AWA 2023 Conference K1USN Slow Speed Test	30 AWA 2023 Conference Elmira Hamfest ROC City Net 28.405 MHz, 9pm Wilmot Breakaway Ride AWA AM QSO Party Worked All China Contest UK / EI DX Contest

VE TEAM

Testing takes place on the 3rd Saturday September - April

Testing Location

RIT
Rochester Institute of Technology
Building 16 -Schmitt Interfaith Center
43.08402626755475, -77.6734520379509

- Easiest path is from Parking Lot D it can be accessed from West Jefferson Rd via Andrews Memorial Dr or Lowenthal Rd
- From parking lot D walk south up the ramp to the Schmitt Interfaith Center.
- Once inside there is an elevator over to your left or stairs in front of you. Go to the first floor and you will find the Skalny room.

Please Note: this room cannot be accessed from the door under the bridge.

Pre-registration is required visit:

<https://hamstudy.org/sessions/14612/inperson> to find the latest session.

More information is available on the RARA website:

https://rochesterham.org/license_testing.htm

Applicants must supply their own pen, pencil, calculator

Testing begins at 10:00AM.

Also Note: The exam is free however the FCC now charges \$35 for applications. This fee is NOT paid to the VE team. It is paid directly to the FCC. You will receive an email from the FCC when your application is processed. We will also have an information sheet available

NEWS FROM AREA CLUBS

MONROE COUNTY ARES / RACES News

Monroe County Amateur Radio Emergency Service (ARES)® is an amateur radio public service organization based in Monroe County, New York, and is open to all licensed amateur radio operators. Monroe County Radio Amateur Civil Emergency Service (RACES) is a program of the Monroe County Office of Emergency Management. We participate in training and emergency exercises so that we can serve other agencies during times of communication failure.



The Monroe County Amateur Radio Emergency Service, Inc. holds its meetings on the fourth Thursday of each month except in July, August, November and December. The meeting in November is on the third Thursday to avoid interfering with Thanksgiving. Anyone interested, members and non-members, are welcome to attend. The meetings are in person at the county EOC at 6:00 PM and are also available via Zoom. Please check our website for any schedule changes. Prospective members can request an invitation by email to:

secretary@monroecountiemcomm.org.

Monroe County ARES/RACES meets on the air every Thursday of the month at 7:00 PM, on the W2ARM 146.61 MHz (-) 110.9 Hz PL and 444.45 MHz (+) 110.9 Hz PL repeaters. Our club callsign is WB2EOC. On nights when we hold our regular meeting, the net is at 5:30 PM.

Web: www.monroecountiemcomm.org

Facebook: Monroe County Amateur Radio Emergency Service, Inc.

Twitter @MCARESNY

ROCHESTER DX ASSOCIATION, RDXA

Please check our website www.rdx.com for up-to-date information regarding meeting locations and requirements, if any.



XRX AMATEUR RADIO CLUB

The XRX Amateur Radio Club meets the second Thursday of the month (except July and August). 7PM at the Webster Recreation Center. Zoom meeting info, when available, is sent out to our mailing list. How to subscribe and up-to-date information is always on our website at <http://xarc.us>. We have a System Fusion repeater south of the city on 145.290, and another on 444.825 west of the city that is also D-Star capable. Both are also analog capable with 110.9Hz tone. All are welcome.

AMATEUR RADIO ASSOCIATION OF THE SOUTHERN TIER, ARAST

The 48th Elmira Hamfest will be coming up on Saturday, September 30 at the Chemung County Fairgrounds. Please see our hamfest site at http://www.arast.info/arast_website/public/hamfest.php for the complete details.

ARAST meets the third Thursday of every month at the Emergency Communications Center on Harris Hill in Big Flats, next to the National Soaring Museum. Our Chemung County ARES (CCARES) organization meets the first Tuesday of the month except February at the same location. Both organizations serve amateurs in Chemung, Steuben and Schuyler counties in New York and Bradford and Tioga counties in Pennsylvania. All are welcome to attend our meetings.

NOTE: Both CCARES and ARAST monthly meetings are now being held both in person and online. Check out the Upcoming Events at our website, www.arast.info, for the latest details.

Don't forget to check out our repeaters when you visit the area. N3AQ 147.36(+) and the W2ZJ 146.70(-) are the principal 2-meter repeaters. The latter can also be accessed via Echolink node 574415 with the call sign KD2QND-R. A full list of repeaters that can be heard in the Twin Tiers area surrounding Chemung County can be found at

http://www.arast.info/arast_website/public/repeaters.php.

We also invite you to check out our new 6-meter net on Wednesday evenings at 9 p.m. local time on 50.200 MHz USB. The net usually lasts approximately one hour. Operators are encouraged to check in and participate in the round table discussions or simply stop by from time to time. We would welcome participation from RARA members.

COMMUNITY AMATEUR RADIO CLUB, CARC

If you are interested in being a part of this forward thinking and active club, visit us at a meeting or join us on one of our weekly nets. We meet at the Hoag Library (134 S. Main St. Albion, NY) on the first Saturday of each month at 7PM. Each meeting has a brief training/refresher period with upcoming topics including: net protocol, repeater set-up/maintenance, and digital signaling. The club holds a net every Sunday evening at 8pm (winter) and 9PM (summer) - 0100 UTC Monday - on 147.585 simplex, and we host the Thursday Night Social Net, Thursday at 8:30PM on 147.285+. We'd love to hear you check-in!

DRUMLINS AMATEUR RADIO CLUB

The Drumlins Amateur Radio Club meets every third Wednesday of the month at 7:30 PM at the Wayne County EMO/Sheriff's Office 7376 State Hwy 31 #1000, Lyons, NY 14489. Doors open at 7 pm, meeting starts at 7:30 pm. Announcements will be made on the 146.685 repeater. The Drumlins ARC website address is <http://drumlinsarc.us/>

DIGITAL COMMUNICATIONS ASSOCIATION OF PERINTON, DCAP

DCAP members continue to experiment with leading edge digital communication modes. We were formed in 1994 to foster the development of local and regional packet radio networks using AX25 and TCP/IP. Today we have members using the club sponsored DSTAR repeater (KB2VZS on 444.8MHz), several personal and publicly accessible DSTAR hotspots, Yaesu System Fusion systems on non-club repeaters and DMR systems through repeaters and personal hotspots. DCAP members meet for breakfast at 7AM nearly every Saturday morning at Rikki's Family Restaurant in the village of Fairport and everyone is welcome to join us. Talk in is on the KB2VZS analog repeater on 146.715MHz with a PL tone of 110.9Hz.

ORLEANS COUNTY AMATEUR RADIO CLUB

The Orleans County ARC meets every 2nd Monday of the month at the Orleans County Emergency Operations Center, 14064 West County House Road, Albion, NY 14411. Doors open at 6:00PM, meeting starts at 7:30PM. Anyone with an interest in amateur radio is welcome. Program topics vary from month to month.

The club has an open two-meter net every Tuesday night at 9:00PM local time on the club repeater, WA2DQL/R (145.27 -600KHz offset, 141.3 tone). Everyone is welcome to check in.

See the club website <http://ocarc.us> or contact club Secretary Ron Craig, N5BNO for more information.

SKENOH ISLAND AMATEUR RADIO CLUB, SIARC

The Skenoh Island Amateur Radio Club and meets every second Wednesday of the month at 7:30PM at the Ontario County Safety Training Facility, 2914 County Road 48, Town of Hopewell. We have License Exam Testing every other month which begins at 6:30PM. There will not be a meeting or VE testing in August. We will have a tour of the Ontario County 911 center (74 Ontario St. Canandaigua, NY 14424) on Wednesday, August 9th at 7:00 PM. We will meet in the parking lot across from the building at 6:45 PM SHARP.

SIARC is also holding a Health and Welfare NET Monday through Friday each week at 2000 hours on the SIARC 146.820 repeater (located in Canandaigua, NY), Tone 110.9. This net is to pass along general information and keep hams in touch. All hams are invited to participate.

ROCHESTER VHF GROUP

You are invited to
join us on-line &
on-the-air! We're
here to help you to
use the license that
you worked so hard to get.



Check out what we do by visiting our
website at <http://RVHFG.org> to start.

Join our e-mail group by sending a message
to RVHFG+subscribe@groups.io.

Join our weekly on-the-air nets on SSB:
2 meter band - Monday 9 PM 144.260 USB
6 meter band - Thursday 9 PM 50.205 USB

No VHF SSB radio (yet) to join the nets?
Log-in to Echolink ka2ene-L #23426

We can help to answer the question, "What radio
should I buy?" Here's a list of HF+++ radios, those
with the HF bands and at least three VHF bands,
giving you access to all sorts of VHF fun. Research
each one to see which serves you best. Ask
questions on our email list. We're here to help!

Yaesu FT-100D	Yaesu FT-817	Yaesu FT-818
Yaesu FT-847	Yaesu FT-857	Yaesu FT-897
Icom IC-706MKIIG	Icom IC-7000	Icom IC-7100
Icom IC-9100	Kenwood TS-2000	

Some are older models and some are newer models,
but all provide access to the 6 meter, 2 meter, and
70 centimeter bands using both traditional FM and
the exciting narrow-band SSB mode that supports
unexpectedly long-distance (100's of km's routinely
and 1,000's of km occasionally) VHF communication.
These are good all-around radios no matter what
club you end up affiliating with later. We hope its us.

ROCHESTER RADIO REPEATER ASSOCIATION

The Rochester Radio Repeater Association, RRRRA will not be having its regular meetings for July and August. We will be on summer hiatus. Our next meeting will be on September 15th.

Stay tuned to our web site, www.k2rra.org for any current information. We are still looking for a club Secretary. If you wish to apply contact one of the listed club officers or show up at a regular meeting. The current club officers are Bob Shewell - N2HJD - President, Bob Odell - N2BZX - Vice President, and Bob Smith - NS2B-Treasurer / Membership Chairman. RRRRA also accepts donations to the club. If you are not currently a member and want to support RRRRA, you can join at our monthly meeting or on our web site using Pay-Pal. www.k2rra.org

ANTIQUE WIRELESS ASSOCIATION MUSEUM FALL COURSES

The AWA museum is announcing their fall schedule of classes for the public. You do not have to be a member to enjoy these well received educational classes. Details are on the web site at:

<https://www.antiquewireless.org/homepage/learn-build-fix-classes/>

THE AMATEUR'S CODE

Originally written by Paul M. Segal, W9EEA (1928)

THE RADIO AMATEUR IS:

CONSIDERATE	Never knowingly operating in such a way as to lessen the pleasure of others.
LOYAL	Offering loyalty, encouragement and support to other amateurs, local club, and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.
PROGRESSIVE	With knowledge abreast of science, a well built and efficient station and operation beyond reproach.
FRIENDLY	With slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, co-operation and consideration for the interests of others. These are the hallmarks of the amateur spirit.
BALANCED	Radio is an avocation, never interfering with duties owed to family, job, school or community.
PATRIOTIC	With station and skill always ready for service to country and community.

48TH ANNUAL - ELMIRA INTERNATIONAL

HAMFEST COMPUTERFEST

SEPTEMBER 30TH, 6AM to 2PM

CHEMUNG COUNTY FAIRGROUNDS

Flea Market: 6:00 AM to 2:00 PM

Vendor Building: 8:00 AM to 2:00 PM

FOOD AVAILABLE ONSITE

FCC Exam: 10:00 AM Walk-ins Welcomed

Visit ARAST.INFO

Tickets:

\$6 in ADVANCE

\$8 AT THE GATE.

SAVE! AND GET YOURS NOW!

GPS COORDINATES

General Admission Gate N 42° 08.743 W 076° 49.233
Vendor Gate N 42° 08.661 W 076° 49.000



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www.arrl.org



www.dxengineering.com

QRP Quarterly

QRP Amateur Radio Club International

www.qrparci.org



<https://cq-amateur-radio.com/>



<https://heilhamradio.com/>



www.mfjenterprises.com



www.n3fjp.com



<https://alphaantenna.com/>



<https://www.hamradiodeluxe.com/>



<https://cometantenna.com/>



<https://www.easywayhambooks.com/index.cfm>

RARA OFFICERS, DIRECTORS AND COORDINATORS

OFFICERS

President: Scott Theis, W2LW	(845) 774-9809	president@rochesterham.org	Treasurer: Mike Moore, KC2NM	(585) 721-0011	treasurer@rochesterham.org
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Drumlins Amateur Radio Club Ltd. (DARC)

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Genesee Valley Amateur Radio Assn.

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Keuka Lake Amateur Radio Association (KLARA)

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Monroe County ARES / RACES

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Jim Stefano, W2COP: wireless@mail.rit.edu

Rochester Radio Repeater Association (RRRA)

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Rochester VHF Group (RVHFG)

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Skenoh Island Amateur Radio Club (SIARC)

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West Side Amateur Radio Club

XRX Amateur Radio Club

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Rochester Makerspace

David Duckles: rocmakers@gmail.com

OCTOBER RAG DEADLINE

SEPTEMBER 15, 2023

**RARA MEETS AT 7PM ON THE FIRST
WEDNESDAY OF EACH MONTH.**

JOIN US IN PERSON

OR

ONLINE AT:

<https://attendee.gotowebinar.com/register/6720389224982685272>

CONTACT WEBMASTER@ROCHESTERHAM.ORG FOR SUPPORT

Rochester Area Repeater Listing

THE RARA RAG

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